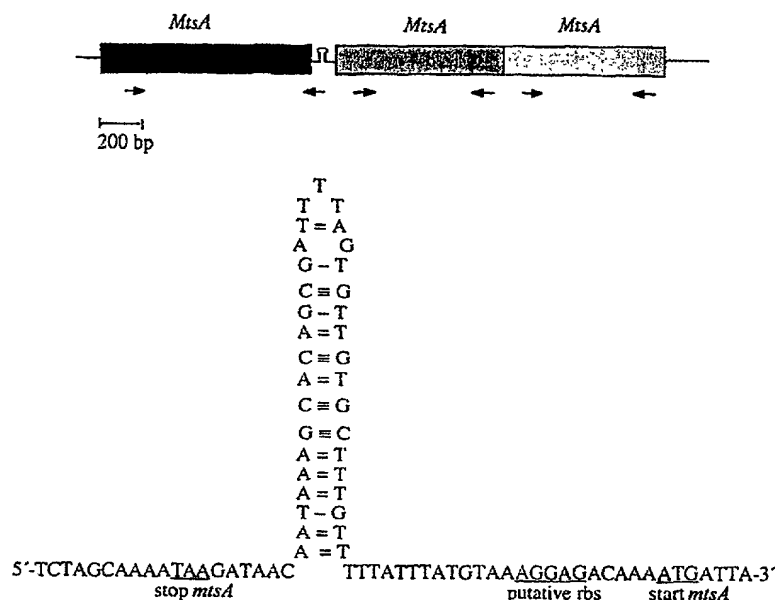




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(54) Title: STREPTOCOCCAL ABC TRANSPORTER PROTEIN



## (57) Abstract

A polypeptide suitable for use in vaccination against Streptococcal infections comprises: a) the amino acid sequence of SEQ ID No 1; b) a variant of (a) which is capable of binding an anti-MtsA antibody; or (c) a fragment of (a) or (b) of at least 6 amino acids in length which is capable of binding an anti-MtsA antibody. A vaccine composition comprises: a) the amino acid sequence of SEQ ID No 1; b) a variant of (a) which is capable of generating an immune response to a Streptococcal; or (c) a fragment of (a) or (b) of at least 6 amino acids in length which is capable of generating an immune response against a Streptococcus.